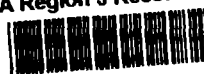


EPA Region 5 Records Ctr.



247986

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

DATE: MARCH 29, 1995

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

D.DIETRICH-ATTN: T. JOHNSON, USEPA, OSWER, WASH. D.C.....(E-MAIL)
R.KARL-ATTN: DON BRUCE, USEPA, OSF, EERB, CHICAGO,IL.....(E-MAIL)
J.CISNEROS-ATTN: L.BEASELY, USEPA, ESS, EERB, CHICAGO,IL.(E-MAIL)
M.McCUE-ATTN: USEPA OFFICE OF PUBLIC AFFAIRS, CHICAGO,IL.(E-MAIL)
T.KRUEGER-ATTN: B.WARNING, USEPA, ORC, CHICAGO, IL..... (E-MAIL)
DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)
L.ROBERTSON, CITY of CHICAGO, DEPT. of ENVIRONMENT.....(VIA-FAX)
M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY....(VIA-FAX)
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO,IL

LATITUDE: 41°52'09.3" LONGITUDE: 87°44'30.4"

POLREP NO.: 12

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: OCTOBER 18, 1994

COMPLETION DATE:

1. SITUATION:

- A. Disposal activities completed 3/28/95. All general cleanup activities associated with drum/container removal completed 2/24/95. Concrete and soil sample results received and under evaluation to determine further actions. Site has been temporarily demobed while emergency response activities were initiated at the Harrison Sheet Steel site located 200' to the west.
- B. The site has remained secure. Guards remain on-scene and watch both DC and HSS sites. Weather has varied between rain and snow. Natural deterioration of the roof of the building getting worse and allowing precipitation to enter. All rainwater entering is being contained within the building.
- C. Command post to remain behind the DC building and utilized for the HSS site. If necessary, bldg demolition to remove floor concrete and soil contamination will take place once HSS site is completed and command post demobilized.

2. ACTIONS TAKEN:

- A. With the shipment of: 37 gal of phenol on 2/23, 15 cyds of Chrome debris, 1,375 gal of Acid sludge, and 1,540 gal of Base sludge on 2/24, 1,925 gal of Base/Neutral liquids on 2/27, and 5 cyds Chrome debris on 3/28, waste stream disposal has been completed. See the attached Waste Disposal Summary

Table.

- B. Local fence contractor, G.F. Structures, completed installation of chain-link fences along all points of possible entry to the DC building by 2/24/95.
 - C. Final analytical results, for concrete and soil samples, received from Quanterra laboratory, North Canton, OH, on 3/13. Data is currently under review for removal action levels and additional threat contaminants may pose. Initial results reveal concrete floor contains elevated levels of Cr+6.
 - D. Additional samples of Cr stained concrete blocks from the walls of the building were collected on 3/21, and sent for analysis for total and TCLP Cr on 3/27. This data will also be evaluated for threat and remediation alternatives.
3. PLANS:
- A. Continue evaluating soil and concrete extent of contamination data to determine levels of hexavalent chromium, threats posed to human health and the environment, and possible removal action alternatives.
 - B. OSC and ORC attorney to proposed AOC with the PRPs, Precision Chrome, to conduct additional removal of concrete and soil contamination if necessary.
4. KEY ISSUES:
- A. If demolition of the building is necessary to remove elevated levels of contamination in the concrete floor, block walls, and underlying soil, then this action cannot begin until removal activities at the HSS site are complete and the command post demobed. HSS cleanup actions are expected to be completed by 8/95.
 - B. OSC Guria and Ecology and Environment TAT member Robin have been subpoenaed by the state of Illinois and are expected to testify on 4/27 in the criminal trial against the DC property owner and operator.
5. COSTS:
- A. Case open;
 - B. Costs through 03/28/95;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$ 837,775(1)	\$ 684,266.20	\$ 153,508.80
TAT	108,000	94,090.18	13,909.82
USEPA-DIR	29,700	24,150.00	5,550.00
USEPA-INDR	54,900	48,985.65	5,914.35
TOTALS	\$1,030,75	\$ 851,492.03	\$ 178,882.97

(1) Includes a delivery order ceiling increase of \$200,000, received 2/17.

END

WASTE DISPOSAL SUMMARY TABLE
DAVID CHEMICAL SITE
CHICAGO, IL

Waste Catagory	Quantity	Shipping Complete	Disposal Method	Facility/ Location
Chrome Debris	233 cy	03/28/95	Treatment and disposal	Chem-Met/ Wyandotte, MI
Base Solids	52 cy	01/09/95	Disposal	EQ/Canton, MI
Crushed Drums	19 cy	02/10/95	Treatment and disposal	Envirosafe/ Oregon, OH
Base/Neutral Liquid	15,925 gal	02/27/95	Treatment	Env. Services/ S.Bend, IN
Acid Liquid	2,100 gal	01/12/95	Treatment and disposal	Research Oil/ Cleveland, OH
Caustic Liquid	1,800 gal	01/16/95	Treatment and disposal	Heritage/ Lemont, IL
Chromic Acid	4,376 gal	01/23/95	Recycling	InMetco/ Elwood City, PA
Flammable Liquid	2,035 gal	01/18/95	Fuels blending	Heritage/ Lemont, IL
Flammable Solids	1,760 gal	01/18/95	Fuels blending	Heritage/ Lemont, IL
Aluminum Paste	3,250 gal	02/09/95	Fuels blending	Perma Fix/ Dayton, OH
Acid Sludge	1,375 gal	02/24/95	Treatment and disposal	EQ/Belleville, MI
Base Sludge	1,925 gal	02/24/95	Treatment and disposal	EQ/Belleville, MI
Nickle Liquid	200 gal	01/12/95	Treatment and disposal	U.S. Filter/ Roseville, MN
Cyanide Solid	55 gal	12/15/95	Treatment and disposal	Clean Harbors/ E. Chicago, IL
Phenol	37 gal	02/23/95	Incineration	Aptus/ Lakeville, MN